

American Petroleum Institute
1220 L Street, Northwest
Washington, D.C. 20005



weekly statistical bulletin

STATISTICS DEPARTMENT

VOL. 66

For Week Ended February 1, 1985

NO. 5

SUMMARY

(In thousands of 42 gallon barrels per day except stocks which are in thousands of barrels)
(All data are estimates made by the API based on data from reporting companies)

	Current Week Ending:	Last Week Ending:	Last Year Week Ending:	Change From Last Week	Change From Last Year
	02/01/85	01/25/85	02/03/84		
<u>Refinery Operations</u>					
Input to crude oil distillation units	11,586	11,688	12,452	-102	-866
Operable capacity	15,746	15,746	16,309	0	-563
Percent operated	73.6	74.2	76.4		
<u>Motor Gasoline</u>					
Total motor gasoline production	5,821	5,740	6,131	81	-310
Finished leaded motor gasoline production	2,101	1,944	2,451	157	-350
Finished unleaded motor gasoline production	3,720	3,796	3,680	-76	40
Total motor gasoline stocks	233,499	235,042	225,425	-1,543	8,074
Finished leaded motor gasoline stocks	88,137	89,305	92,745	-1,168	-4,608
Finished unleaded motor gasoline stocks	108,811	109,713	92,233	-902	16,578
<u>Distillate Fuel Oil</u>					
Distillate fuel oil production	2,693	2,632	2,786	61	-93
Distillate fuel oil stocks	142,821	144,238	117,838	-1,417	24,983
<u>Residual Fuel Oil</u>					
Residual fuel oil production	1,061	951	860	110	201
Residual fuel oil stocks	47,635	49,030	43,317	-1,395	4,318
<u>Imports</u>					
Crude oil imports	2,866	1,830	4,148	1,036	-1,282
Product imports	1,642	1,702	2,491	-60	-849
<u>Crude Oil Stocks</u>					
Crude oil stocks	328,849	335,907	344,561	-7,058	-15,712

Total U.S. data for the current week's refinery operations, production, stocks and imports are available through a pre-recorded telephone message. The telephone number for this service is area code (202) 289-6949

NA-Not Available



STATISTICS DEPARTMENT

VOL. 66 For Week Ended February 1, 1985 NO. 5

U.S. REFINERY OPERATIONS

(Daily averages in thousands of 42-gallon barrels)

DISTRICT	Total Refinery Input	Crude Oil Runs to Distillation Units	Input to Crude Oil Distillation Units	Operable Capacity	% Oper- ated
East Coast	970	937	955	1,405	68.0
Appal. No. 1	88	85	85	115	73.9
DISTRICT 1 TOTAL	1,058	1,022	1,040	1,520	68.4
Appal. No. 2	65	60	60	66	90.9
Ind., Ill., Ky.	1,823	1,710	1,733	2,309	75.1
Minn., Wis., Daks.	289	273	284	303	93.7
Okla., Kans., Mo.	676	597	611	743	82.2
DISTRICT 2 TOTAL	2,853	2,640	2,688	3,421	78.6
Inland Texas	541	493	505	562	89.9
Texas Gulf Coast	2,997	2,692	2,753	3,760	73.2
La. Gulf Coast	1,880*	1,816*	1,834*	2,535	72.3*
N. La. and Ark.	180	172	178	293	60.8
New Mexico	58	50	50	75	66.7
DISTRICT 3 TOTAL	5,656*	5,223*	5,320*	7,225	73.6*
DISTRICT 4 TOTAL	427	413	416	529	78.6
DISTRICT 5 TOTAL	2,309	2,132	2,122	3,051	69.6
TOTAL U.S.	12,303	11,430	11,586	15,746	73.6
TOTAL U.S.					
Weeks Ended:					
JAN. 25, 1985	12,391*	11,560*	11,688*	15,746	74.2*
FEB. 3, 1984	13,161	12,061	12,452	16,309	76.4
DISTRICTS 1-4					
Weeks Ended:					
FEB. 01, 1985	9,994	9,298	9,464	12,695	74.5
JAN. 25, 1985	10,090*	9,416*	9,544*	12,695	75.2*
FEB. 3, 1984	11,043	9,992	10,331	13,249	78.0

*See revisions on page 7

API WEEKLY STATISTICAL BULLETIN
Week Ended February 1, 1985

U.S. REFINERY OUTPUT

(Daily averages in thousands of 42-gallon barrels)

DISTRICT	Total Motor Gasoline ¹	Motor Gasoline		Jet Fuel		Distillate Fuel Oil ²	Residual Fuel Oil
		Finished Leaded	Finished Unleaded	Naphtha Type	Kerosine Type		
East Coast	442	152	290	14	13	217	163
Appal. No. 1	31	12	19	1	1	24	4
DISTRICT 1 TOTAL	473	164	309	15	14	241	167
Appal. No. 2	37	16	21	--	--	17	3
Ind., Ill., Ky.	1,003	343	660	13	100	380	54
Minn., Wis., Daks.	155	76	79	3	10	84	9
Okla., Kans., Mo.	387	191	196	5	26	177	5
DISTRICT 2 TOTAL	1,582	626	956	21	136	658	71
Inland Texas	288	115	173	27	32	126	23
Texas Gulf Coast	1,281	425	856	31	190	676	292
La. Gulf Coast	865*	259	606*	26	246	486	128
N. La. and Ark.	62	24	38	6	--	54	7
New Mexico	33	13	20	8	3	12	--
DISTRICT 3 TOTAL	2,529*	836	1,693*	98	471	1,354	450
DISTRICT 4 TOTAL	241	123	118	13	32	105	9
DISTRICT 5 TOTAL	996	352	644	62	281	335	364
TOTAL U.S.	5,821	2,101	3,720	209	934	2,693	1,061
TOTAL U.S.							
Weeks Ended:							
JAN. 25, 1985	5,740*	1,944	3,796*	202	878	2,632	951
FEB. 3, 1984	6,131	2,451	3,680	160	944	2,786	860
DISTRICTS 1-4							
Weeks Ended:							
FEB. 01, 1985	4,825	1,749	3,076	147	653	2,358	697
JAN. 25, 1985	4,711*	1,602	3,109*	158	588	2,295	619
FEB. 3, 1984	5,171	2,108	3,063	120	698	2,461	583

¹Total motor gasoline is equal to the sum of finished leaded and finished unleaded motor gasoline.

²Includes Grade No. 4 fuel oil.

NA-Not Available

*See revisions on page 7

API WEEKLY STATISTICAL BULLETIN
Week Ended February 1, 1985

STOCKS OF SELECTED PRODUCTS

(In thousands of 42-gallon barrels)

DISTRICT	Total Motor Gasoline ¹	Motor Gasoline			Jet Fuel		Distillate Fuel Oil ²	Residual Fuel Oil	Unfinished Oils
		Finished Leaded	Finished Unleaded	Blending Components	Naphtha Type	Kerosine Type			
New England	4,989	2,415	2,573	1	103	601	8,519	1,116	--
Central Atlantic	30,447	10,815	15,593	4,039	612	4,029	35,508	20,044	10,824
Lower Atlantic	25,888	10,738	14,912	238	240	3,301	14,765	3,654	444
DISTRICT 1 TOTAL	61,324	23,968	33,078	4,278	955	7,931	58,792	24,814	11,268
DISTRICT 2 TOTAL	70,745	30,946	32,369	7,430	1,299	8,209	42,700	3,230	16,321
DISTRICT 3 TOTAL	61,463*	18,891*	27,520*	15,052*	2,136	12,689	26,692*	9,709	44,441*
DISTRICT 4 TOTAL	8,035	3,484	2,591	1,960	321	706	3,622	470	2,573
DISTRICT 5 TOTAL	31,932	10,848	13,253	7,831	1,755	6,185	11,015	9,412	24,497
TOTAL U.S.	233,499	88,137	108,811	36,551	6,466	35,720	142,821	47,635	99,100
TOTAL U.S.									
Weeks Ended:									
JAN. 25, 1985	235,042*	89,305*	109,713*	36,024*	6,607	36,166	144,238*	49,030	99,332*
FEB. 3, 1984	225,425	92,745	92,233	40,447	6,195	31,116	117,838	43,317	106,732
DISTRICTS 1-4									
Weeks Ended:									
FEB. 01, 1985	201,567	77,289	95,558	28,720	4,711	29,535	131,806	38,223	74,603
JAN. 25, 1985	204,747*	79,408*	97,364*	27,975*	4,936	29,933	132,651*	39,933	74,973*
FEB. 3, 1984	197,029	83,362	81,183	32,484	4,692	25,932	107,741	35,589	80,382

¹Total motor gasoline stocks is equal to the sum of finished leaded stocks, finished unleaded stocks and motor gasoline blending components.

²Includes Grade No. 4 fuel oil.

NA-Not Available

*See revisions on page 7

WEEKLY STATISTICAL BULLETIN
Week Ended February 1, 1985

**ESTIMATED DOMESTIC PRODUCTION OF CRUDE OIL (INCLUDING LEASE CONDENSATE),
IMPORTS AND STOCKS OF CRUDE OIL**

(In thousands of 42-gallon barrels)

Weeks Ended:	Estimated Domestic Production ¹		Crude Oil Imports ¹		Crude Oil Stocks By Location ¹
	API Monthly	Latest Dept. of Energy Sept. 1984	Total	From Canada	
-----Daily Average-----					
DISTRICTS 1-4 TOTAL					
FEB. 01, 1985	5,959.0	6,033.0	2,657	185	252,665
JAN. 25, 1985	5,959.0	--	1,689*	166	255,911*
JAN. 18, 1985	5,959.0	--	2,262	280	259,511
JAN. 11, 1985	5,959.0	--	2,960	195	259,817
DISTRICT 5 TOTAL					
FEB. 01, 1985	2,910.8	2,900.0	209	21	76,184 ‡
JAN. 25, 1985	2,910.8	--	141	9	79,996
JAN. 18, 1985	2,910.8	--	23	--	85,805
JAN. 11, 1985	2,910.8	--	260	--	81,882
‡INCLUDES 20,302 BBLS. OF ALASKAN CRUDE OIL IN TRANSIT BY WATER.					
TOTAL U.S.					
FEB. 01, 1985	8,869.8	8,933.0	2,866	206	328,849 ‡
JAN. 25, 1985	8,869.8	--	1,830*	175	335,907*
JAN. 18, 1985	8,869.8	--	2,285	280	345,316
JAN. 11, 1985	8,869.8	--	3,220	195	341,699
FEB. 3, 1984	8,796.0 /a	--	4,148	480	344,561

/a DOE actual for January 1984.

LOCATION OF CRUDE OIL STOCKS¹

(In thousands of 42-gallon barrels)

Location	District 1	District 2	District 3	District 4	Districts 1-4	District 5	Total U.S.
Weeks Ended:							
FEB. 01, 1985	16,423	72,335	150,739	13,168	252,665	76,184 ‡	328,849 ‡
JAN. 25, 1985	15,762	74,274*	153,094*	12,781	255,911*	79,996	335,907*
FEB. 3, 1984	15,905	73,627	160,477	13,069	263,078	81,483	344,561

¹See definitional notes, Page 6.

*See revisions on page 7

API WEEKLY STATISTICAL BULLETIN
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IMPORTS OF PETROLEUM PRODUCTS

(Daily averages in thousands of 42-gallon barrels)

	Total Motor Gasoline ¹	Motor Gasoline		Jet Fuel		Distillate Fuel Oil ²	Residual Fuel Oil	L.P.G.	Unfinished Oil ³	Other	Total
		Finished Leaded	Finished Unleaded	Naphtha Type	Kerosine Type						
New England	55	--	55	--	--	--	160	15	--	--	230
Central Atlantic	204	122	82	--	11	63	242	5	8	22	555
Lower Atlantic	51	51	--	--	43	106	134	--	--	--	334
DISTRICT 1 TOTAL											
FEB. 01, 1985	310	173	137	--	54	169	536	20	8	22	1,119
JAN. 25, 1985	215	97	118	15	36	185	550	100	34	55	1,190
JAN. 18, 1985	231	90	141	--	58	219	319	9	111	69	1,016
JAN. 11, 1985	61	24	37	8	59	301	560	25	11	42	1,067
DISTRICTS 2-4 TOTAL											
FEB. 01, 1985	88	77	11	--	--	--	56	195	81	54	474
JAN. 25, 1985	22	9	13	--	--	--	33	179	138	69	441
JAN. 18, 1985	16	8	8	--	--	9	78	265	175	32	575
JAN. 11, 1985	37	4	32	--	--	7	45	253	256	122	720
DISTRICT 5 TOTAL											
FEB. 01, 1985	20	7	13	--	--	5	8	14	--	2	49
JAN. 25, 1985	26	9	17	--	6	5	8	12	--	14	71
JAN. 18, 1985	19	6	13	--	--	4	19	5	6	35	88
JAN. 11, 1985	10	3	7	--	--	4	10	14	3	4	45
TOTAL U.S.	418	257	161	--	54	174	600	229	89	78	1,642
TOTAL U.S.											
Weeks Ended:											
JAN. 25, 1985	263	115	148	15	42	190	591	291	172	138	1,702
JAN. 18, 1985	266	104	162	--	58	232	416	279	292	136	1,679
JAN. 11, 1985	108	31	77	8	59	312	615	292	270	168	1,832
FEB. 3, 1984	246	72	174	--	97	447	852	223	440	186	2,491

¹Total motor gasoline imports is equal to the sum of finished leaded imports and finished unleaded imports.

²Includes Grade No. 4 fuel oil.

³See definitional notes, Page 6.

NA-Not Available

DEFINITIONAL NOTES

Page 3—Stocks of Selected Products

The inventories shown are stocks located at refineries, bulk terminals, and in pipelines and include stocks held by independent bulk terminal operators. These inventories include stocks not available for shipment, those available for current shipment, and those held in reserve for shipment during the high consuming season as a supplement to then current production. Stocks not available are those required for processing, held in tank bottoms, in pipeline fill, and in other equipment in order to assure continuous operations.

Stocks of unleaded and leaded motor gasoline represent only finished motor gasoline located at refineries, pipelines and bulk terminals. A large portion of motor gasoline stocks at refineries consists of components which may be blended or compounded to produce either finished leaded or unleaded motor gasoline. Consequently, these stocks cannot be classified as either finished leaded or unleaded motor gasoline. The sum of finished leaded and unleaded motor gasoline stocks plus the component stocks equals total motor gasoline stocks.

Pages 3 and 5—Stocks and Imports of Petroleum Products

District 1 is composed of three areas which are described by the Department of Energy as follows:

New England—Maine, New Hampshire, Vermont, Massachusetts, Rhode Island, and Connecticut.

Central Atlantic—New York, New Jersey, Pennsylvania, Delaware, Maryland, and the District of Columbia.

Lower Atlantic—Virginia, West Virginia, North Carolina, South Carolina, Georgia, and Florida.

Page 4—Estimated Domestic Production

Monthly production represents an API estimate as of the first week of the month. This estimate may be revised at a subsequent date as more current information is received.

Crude Oil Imports

Refinery receipts of foreign origin.

The Total of crude oil imports includes receipts from Canada.

Data do not include oil imported for the Strategic Petroleum Reserve.

Crude Oil Stocks by Location

Producer's stocks on leases are included.

Data do not include crude oil stocks held in the Strategic Petroleum Reserve.

Pages 4 and 5—Imports of Crude Oil and Petroleum Products

The estimates of imports published by the API are based on data supplied by reporting companies. These data exclude imports into Puerto Rico and the Virgin Islands but include shipments from Puerto Rico and the Virgin Islands to the U.S. mainland as imports. API classifies all withdrawals from bonded storage as imports.

Imports of unfinished oils represent refinery receipts of foreign origin.

INTERPRETIVE NOTES

Definitions used by the API throughout the Weekly Statistical Bulletin are the same as those used by the Department of Energy in its monthly and annual Petroleum Statements.

Unleaded gasoline is gasoline containing not more than 0.05 gram of lead per gallon and not more than 0.005 gram of phosphorus per gallon.

Data presented in the Bulletin are for the week ended 7 a.m. Friday. The date specified should not be considered as part of that week when calculating a month's total for production or the interpolation of a month's-end stock figure as of midnight of the last day of the month. *Example: a stock figure for a week ended 7 a.m. on the first of the month should be considered to be as of midnight of the previous month's last day.*

Totals for the U.S. published in the Bulletin exclude data for Puerto Rico, Virgin Islands, and other non-contiguous territories.

Data published in the Weekly Statistical Bulletin are estimates made by the API Statistics Department based on data collected from reporting companies.

Data for the corresponding week of last year are from the published Bulletin for that week and are not adjusted to reflect subsequently published DOE monthly data. Final monthly data are available in the DOE Monthly Petroleum Statement.

API STATISTICAL BULLETIN
WEEK ENDED: FEB. 01, 1985

REVISIONS

01/25/85	PAGE 1	TOTAL REFINERY INPUT	LA. GULF COAST	1,833
			DISTRICT 3 TOTAL	5,695
			TOTAL U.S.	12,391
			DISTRICTS 1-4	10,090
		CRUDE OIL RUNS	LA. GULF COAST	1,782
			DISTRICT 3 TOTAL	5,273
			TOTAL U.S.	11,560
			DISTRICTS 1-4	9,416
		INPUT TO CRUDE OIL	LA. GULF COAST	1,802
			DISTRICT 3 TOTAL	5,352
			TOTAL U.S.	11,688
			DISTRICTS 1-4	9,544
		% OPERABLE	LA. GULF COAST	71.1
			DISTRICT 3 TOTAL	74.1
			TOTAL U.S.	74.2
			DISTRICTS 1-4	75.2
	PAGE 2	TOTAL MGAS	LA. GULF COAST	804
			DISTRICT 3 TOTAL	2,456
			TOTAL U.S.	5,740
			DISTRICTS 1-4	4,711
		UNLEADED MGAS	LA. GULF COAST	578
			DISTRICT 3 TOTAL	1,720
			TOTAL U.S.	3,796
			DISTRICTS 1-4	3,109
		TOTAL MGAS	DISTRICT 3 TOTAL	61,346
			TOTAL U.S.	235,042
	PAGE 3	LEADED MGAS	DISTRICTS 1-4	204,747
			DISTRICT 3 TOTAL	19,112
			TOTAL U.S.	89,305
			DISTRICTS 1-4	79,408
		UNLEADED MGAS	DISTRICT 3 TOTAL	28,412
			TOTAL U.S.	109,713
			DISTRICTS 1-4	97,364
			DISTRICT 3 TOTAL	13,822
		BLENDING COMPS	TOTAL U.S.	36,024
			DISTRICTS 1-4	27,975
			DISTRICT 3 TOTAL	25,580
			TOTAL U.S.	144,238
		DISTILLATE FUEL	DISTRICTS 1-4	132,651
			DISTRICT 3 TOTAL	45,339
			TOTAL U.S.	99,332
			DISTRICTS 1-4	74,973
	PAGE 4 T	TOTAL CRUDE OIL IMPORTS	DISTRICTS 1-4 TOTAL	1,689
			TOTAL U.S.	1,830
		CRUDE OIL STOCKS	DISTRICTS 1-4 TOTAL	255,911

API STATISTICAL BULLETIN
WEEK ENDED: FEB. 01, 1985

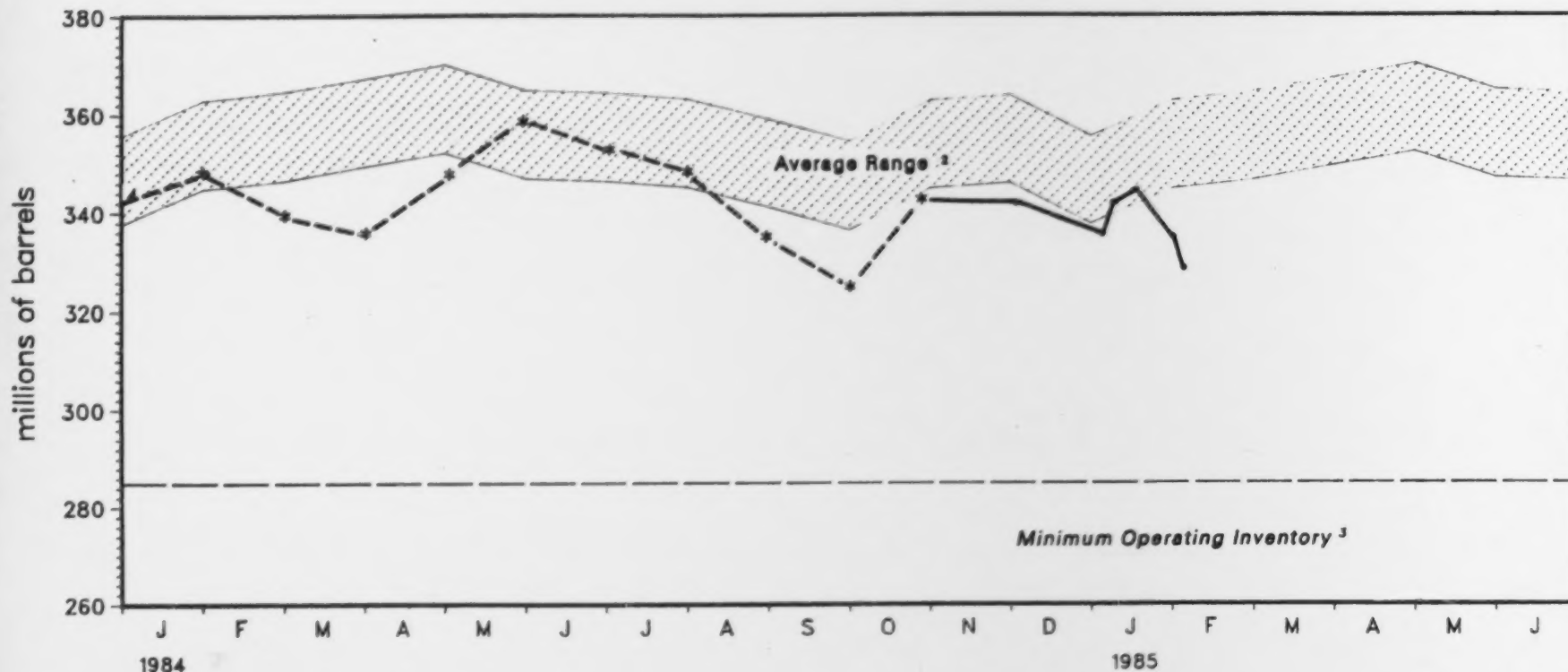
REVISIONS

PAGE 4 B TOTAL

TOTAL U.S.	335,907
PAD DISTRICT 2	74,274
PAD DISTRICT 3	153,094
TOTAL PAD DISTRICTS 1-4	255,911
TOTAL U.S.	335,907

Week Ended: February 1, 1985

Crude Oil Stocks at Primary Level^{1 5}



¹ Crude Stocks at Primary Levels include those held at refineries, in-transit to refineries, in pipelines, and in lease tanks and do not include those held in the Strategic Petroleum Reserve.

² Average level and width of average range, estimated by DOE, are based on three years of monthly data: July 1981 - June 1983. The seasonal pattern is based on seven years of monthly data: January 1977 - December 1983.

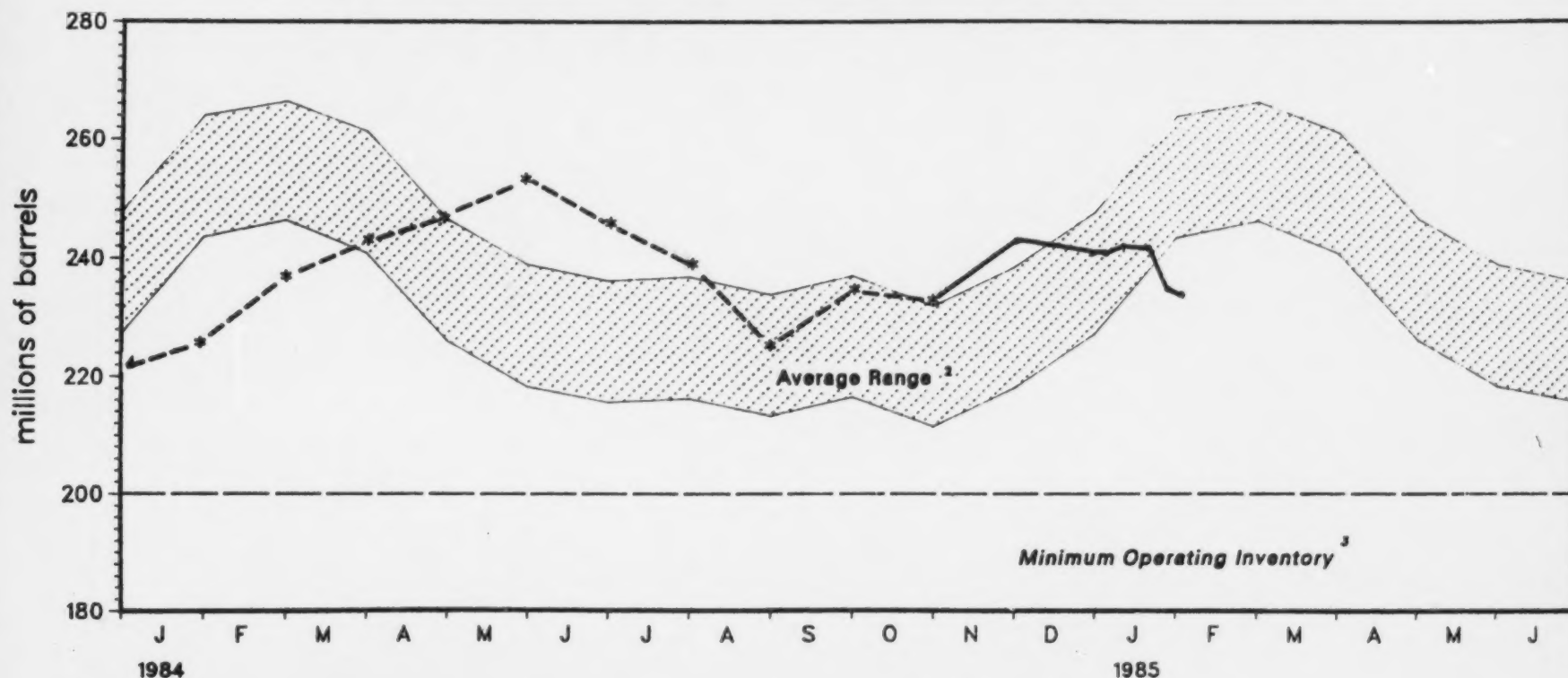
³ The National Petroleum Council (NPC), in November 1983, defined the Minimum Operating Inventory (MOI), as the inventory level below which operating problems and shortages would begin to appear in a defined distribution system. The NPC estimated the MOI for crude oil at 285 million barrels.

⁴ Source: * -- EIA, Energy Data Reports, Petroleum Statement, Monthly.
* -- API, Weekly Statistical Bulletin.

⁵ The average level and width of average range are based on historical data. Recent structural changes in demand patterns, operating units and logistical systems appear to have altered the basic requirements for petroleum distribution and indicated levels may be overstated.

Week Ended: February 1, 1985

Motor Gasoline Stocks at Primary Level^{1 5}



¹ Product Stocks at the Primary Level include those held at refineries, in pipelines, and at major bulk terminals.

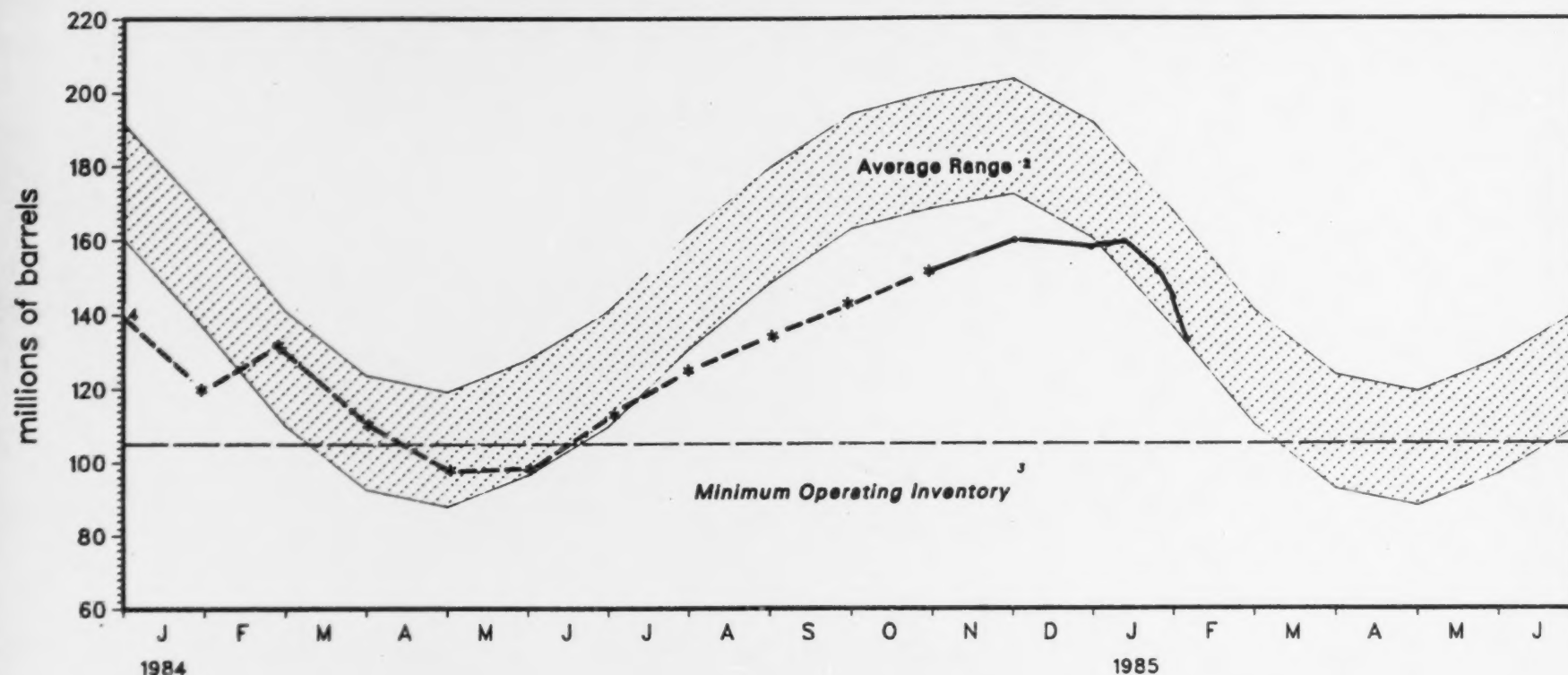
² Average level and width of average range, estimated by DOE, are based on three years of monthly data: July 1981 - June 1984. The seasonal pattern is based on six years of monthly data: January 1978 - December 1983.

³ The National Petroleum Council (NPC), in November 1983, defined the Minimum Operating Inventory (MOI), as the inventory level below which operating problems and shortages would begin to appear in a defined distribution system. The NPC estimated the MOI for motor gasoline at 200 million barrels.

⁴ Source: * -- EIA, Energy Data Reports, Petroleum Statement, Monthly.
• -- API, Weekly Statistical Bulletin.

⁵ The average level and width of average range are based on historical data. Recent structural changes in demand patterns, operating units and logistical systems appear to have altered the basic requirements for petroleum distribution and indicated levels may be overstated.

Distillate Fuel Oil Stocks at Primary Level ^{1 5}



¹ Product Stocks at the Primary Level include those held at refineries, in pipelines, and at major bulk terminals.

² Average level and width of average range, estimated by DOE, are based on three years of monthly data: July 1981 - June 1984. The seasonal pattern is based on seven years of monthly data: January 1977 - December 1983.

³ The National Petroleum Council (NPC), in November 1983, defined the Minimum Operating Inventory (MOI), as the inventory level below which operating problems and shortages would begin to appear in a defined distribution system. The NPC estimated the MOI for distillate fuel oil at 105 million barrels.

⁴Source: * -- EIA, Energy Data Reports, Petroleum Statement, Monthly.
 * -- API, Weekly Statistical Bulletin.

⁵The average level and width of average range are based on historical data. Recent structural changes in demand patterns, operating units and logistical systems appear to have altered the basic requirements for petroleum distribution and indicated levels may be overstated.